

Form PTO-1449 (Modified)

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Atty. Docket No.  
SBI-073Serial No.  
09/746,921Applicant  
Thorne et al.Filing Date  
12/22/2000Group  
1654

## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

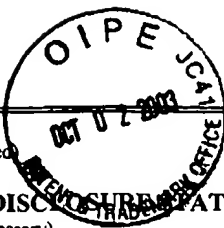
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	B5	EP0616814	03/21/1994	EP				
	B6	EP0623031	11/13/1992	EP				
	B7	EP0719529	12/18/1995	EP				
	B8	EP0747067	05/29/1996	EP				
	B9	EP0754699	02/02/1996	EP				
	B10	EP0901795	09/10/1998	EP				
	B11	EP0987031	07/12/1999	EP				
	B12	EP1127581	02/22/2000	EP				
	B13	WO0004940	07/06/1999	PCT				
	B14	WO9915211	09/18/1998	PCT				
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	B29	WO9200109	06/24/1991	PCT				
	B30	WO9305823	09/09/1992	PCT				

EXAMINER

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.



Form PTO-1449 (Modified)

Atty. Docket No.  
SBI-073Serial No.  
09/746,921**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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1654

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**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

	C1	PCT/US01/49314, PCT International Search Report dated 04/07/2002, 3 sheets
PP	C2	Kubler, N. et al., "BONE MORPHOGENETIC PROTEIN-MEDIATED INTERACTION OF PERIOSTEUM AND DIAPHYSIS: Citric Acid and Other Factors Influencing the Generation of Parosteal Bone," Clinical Orthopaedics and Related Research, Number 258 (September 1990) 279-294
PP	C3	Noah, E.M. et al., "IMPACT OF STERILIZATION OF THE POROUS DESIGN AND CELL BEHAVIOR IN COLLAGEN SPONGES PREPARED FOR TISSUE ENGINEERING," Biomaterials, Volume 23 (2002) 2855-2861

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## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

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A	2	3919723	1975-11-18	Heimke et al.			
	3	3968567	1976-07-13	Nevins			
	4	4146936	1979-04-03	Aoyagi et al.			
	5	4192021	1980-03-11	Deibig et al.			
	6	4202055	1980-05-13	Reiner et al.			
	7	4237559	1980-12-09	Borom			
	8	4356572	1982-11-02	Guillemin et al.			
	9	4394370	1983-07-19	Jeffries			
	10	4412947	1983-11-01	Cioca			
	11	4429691	1984-02-07	Niwa et al.			
	12	4497075	1985-02-05	Niwa et al.			
	13	4609551	1986-09-02	Caplan et al.			
	14	4619655	1986-10-28	Hanker et al.			
	15	4623553	1986-11-18	Ries et al.			
	16	4642120	1987-02-10	Nevo et al.			
	17	4698326	1987-10-06	Sauk et al.			
	18	4774227	1988-09-27	Piez et al.			
	19	4789663	1988-12-06	Wallace et al.			
	20	4795467	1989-01-03	Piez et al.			
	21	4843063	1989-06-27	Seyedin et al.			
	22	4843112	1989-06-27	Gerhart et al.			
	23	4863732	1989-09-05	Nathan et al.			
PP	24	4863856	1989-09-05	Dean Jr. et al.			

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	28	5001169	1991-03-19	Nathan et al.
	29	5011691	1991-04-30	Oppermann et al.
	30	5024841	1991-06-18	Chu et al.
	31	5028695	1991-07-02	Eckmayer et al.
	32	5085861	1992-02-04	Gerhart et al.
	33	5108753	1992-04-28	Kuberasampath et al.
	34	5118667	1992-06-02	Adams et al.
	35	5137534	1992-08-11	Sumita
	36	5204382	1993-04-20	Wallace et al.
	37	5208219	1993-05-04	Ogawa et al.
	38	5236704	1993-08-17	Fujioka et al.
	39	5262166	1993-11-16	Liu et al.
	40	5274078	1993-12-28	Wada et al.
	41	5306303	1994-04-26	Lynch
	42	5354557	1994-10-11	Oppermann et al.
	43	5366508	1994-11-22	Brekke
	44	5393739	1995-02-28	Bentz et al.
	45	5417975	1995-05-23	Lussi et al.
	46	5425770	1995-06-20	Piez et al.
	47	5433751	1995-07-18	Christel et al.
	48	5443531	1995-08-22	Ripamonti
	49	5496552	1996-03-05	Kuberasampath
	50	5531791	1996-07-02	Wolfenbarger Jr.
	51	5532217	1996-07-02	Silver et al.
	52	5547378	1996-08-20	Linkow
	53	5552454	1996-09-03	Kretschmann et al.
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	55	5639402	1997-06-17	Barlow et al.
	56	5769897	1998-06-23	Harle
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PP	58	5811094	1998-09-22	Caplan et al.

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	64	5910492	1999-06-08	Hoshino et al.
	65	5916553	1999-06-29	Schmidt
	66	5932207	1999-08-03	Schmidt
	67	5935594	1999-08-10	Ringeisen
	68	5952010	1999-09-14	Constantz
	69	5955529	1999-09-21	Imai et al.
	70	5958430	1999-09-28	Campbell et al.
	71	5958441	1999-09-28	Oppermann et al.
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	73	6018095	2000-01-25	Lerch et al.
	74	6033438	2000-03-07	Bianchi et al.
	75	6071982	2000-06-06	Wise et al.
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	81	6180605	2001-01-30	Chen et al.
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	87	6214368	2001-04-10	Lee et al.
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	89	6264701	2001-07-24	Brekke
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	99	6376211	2002-04-23	Little II et al.
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	102	4668295	1987-05-26	Bajpai
	103	5123923	1992-06-23	Pommier et al.
	104	5152836	1992-10-06	Hirano et al.
	105	5426769	1995-06-20	Snyders, Jr.
	106	6346123	2002-02-12	McKay
	107	5290763	1994-03-01	Poser et al.
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## US Published Applications

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28	20010004225	2001-06-12	Nicholls et al.
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32	20020018798	2002-02-14	Sewing et al.
33	20020022883	2002-02-21	Burg
34	20020022885	2002-02-21	Ochi
35	20020034532	2002-03-21	Brodbeck et al.

36	20020034533	2002-03-21	Peterson et al.
37	20020037309	2002-03-28	Jaworowicz et al.
38	20020042657	2002-04-11	Pugh et al.
39	20020045582	2002-04-18	Margolin et al.
40	20020053937	2002-05-09	Lloyd
41	20020058622	2002-05-16	Igari et al.
42	20020061328	2002-05-23	Gertzman et al.
43	20020072804	2002-06-13	Donda
44	20020082694	2002-06-27	McKay
45	20020082697	2002-06-27	Damien
46	20020082700	2002-06-27	Bianchi et al.
47	20020098222	2002-07-25	Wironen et al.
48	20020106393	2002-08-08	Bianchi et al.
49	20020106394	2002-08-08	Tucker et al.

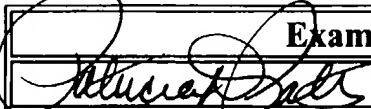
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**Remarks**

**Note: Remarks are not for responding to an office action.**

The eIDS is submitted on the same day that a Supplemental Information Disclosure Statement, including copies of foreign and non-patent art, is being mailed to the USPTO in accordance with 37 CFR 1.8. Please consider these two documents a single submission for the purpose of assessing any fee under 37 CFR 1.17(p).

**Signature**

	<b>Examiner Name</b>	<b>Date</b>
		11/14/03